



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF  
PESTICIDES AND TOXIC SUBSTANCES

MEMORANDUM

SUBJECT: Establishment of a Tolerance for CGA-154281 -- Request  
for Expedited Review

FROM: Anne E. Lindsay, Director  
Registration Division (H7505C)

TO: Anne L. Barton, Director  
Environmental Fate and  
Ecological Effects Division (H7507C)

and

Penelope A. Fenner-Crisp, Director  
Hazard Evaluation Division (H7509C)

A meeting was held with Doug Campt on December 6, 1990, to discuss the establishment of a tolerance for CGA-154281; 4-(dichloroacetyl)-3,4-dihydro-3-methyl-2H-1,4-benzoxazine, an inert ingredient that has been proposed for use as a safener (herbicide antidote) in metolachlor formulations. Based upon the decisions made at that meeting, it was determined that HED and EFED should re-examine the data submitted in support of the tolerance petition to determine if the data base is sufficient to conduct a risk assessment of CGA-154281 as related to the establishment of a tolerance for this chemical.

I am requesting that an expedited review of the submitted data and prior reviews thereof be conducted by December 14, 1990. The results of these reviews will then be used to ascertain the course of further regulatory decisions regarding CGA-154281.

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MEMORANDUM

SUBJECT: CGA-154281, Protocol for Dermal Absorption

TO: Kerry Leifer (PM-45)  
Registration Division (TS-767)

FROM: Robert P. Zendzian PhD *3/17/87*  
Pharmacologist  
Mission Support Staff  
Toxicology Branch  
HED (TS-769)

THROUGH: Reto Engler PhD, Head  
Mission Support Staff

Theodore M. Farber PhD, Chief  
Toxicology Branch *3/17/87*

Compound; CGA-154281

Tox Chem #298C

Registration #7E3489

Registrant; Ciba-Geigy

Accession #N/A

Tox Project 7-0482

Action Requested

Review the following protocol for dermal absorption;

Biochemistry Protocol/15-87, Dermal Absorption of <sup>14</sup>C-  
CGA-154281 in Rats, Ciba-Geigy Corp, Project #: 753950,  
Experiment #: M7-753-(9A-16A), Contract #: MC-87001

Testing facilities

Biological phase

WIL Research Laboratories Inc.

Analytical Phase

Ciba-Geigy Laboratories

Conclusion

The proposed study, designed to test the dermal absorption  
of CGA-154281 as part of a formulation of Metolachlor, is  
acceptable as presented.

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